

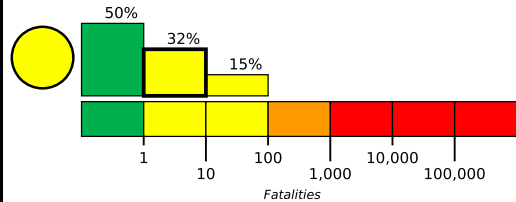
**M 5.8, 125 km WSW of Myitkyina, Myanmar**

Origin Time: 2023-05-31 11:20:13 UTC (Wed 17:50:13 local)  
Location: 25.1168° N 96.1871° E Depth: 10.0 km

Created: 1 day, 0 hours after earthquake

**PAGER  
Version 2**

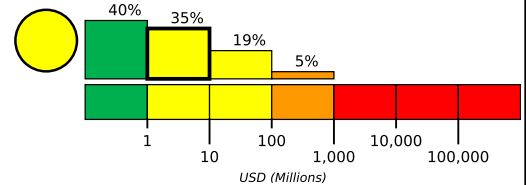
**Estimated Fatalities**



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of Burma.

**Estimated Economic Losses**

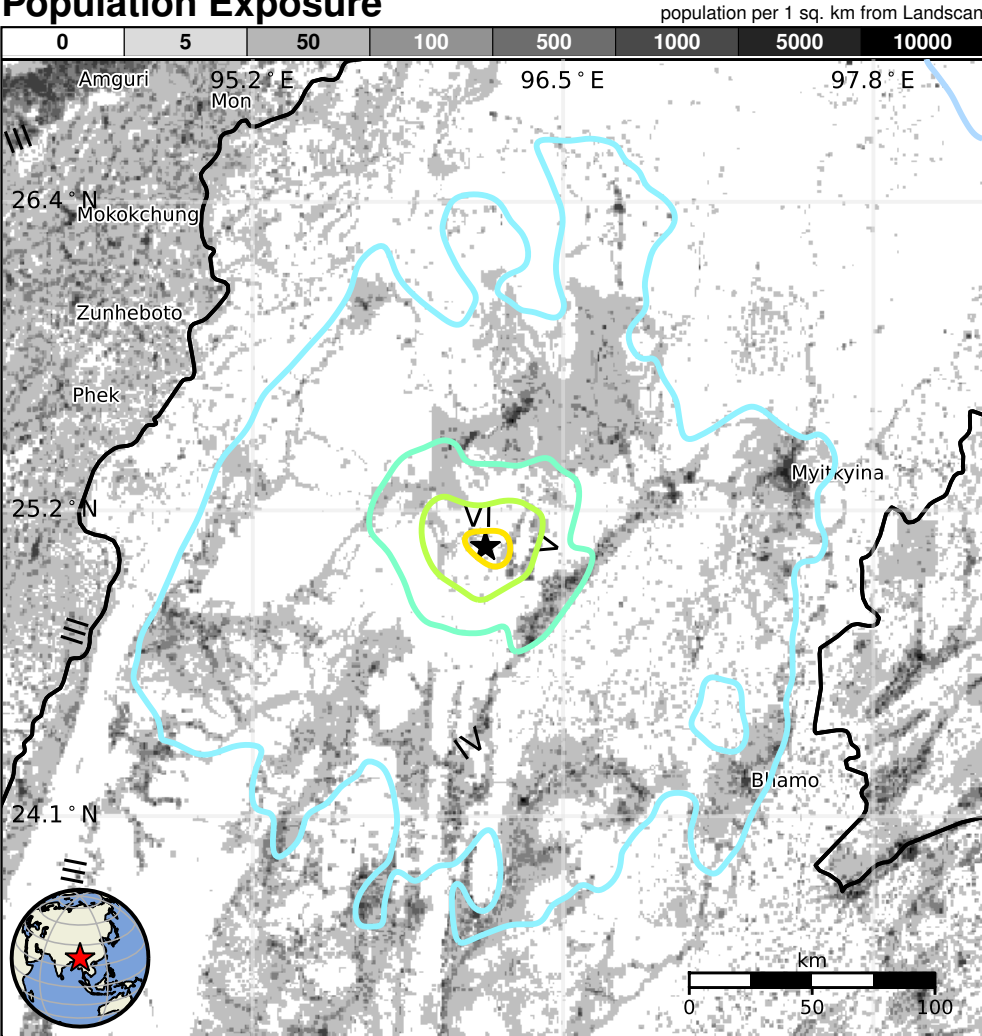


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	4,647k*	2,511k	237k	30k	9k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures**

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

**Historical Earthquakes**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-04-12	290	5.6	VII(73k)	2
1988-08-06	108	7.2	VIII(2k)	3
1976-05-29	283	6.7	IX(19k)	98

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

**Selected City Exposure**

MMI	City	Population
IV	Myitkyina	91k
IV	Bhamo	48k
III	Zhangfeng	<1k
III	Amguri	8k
III	Pingyuan	<1k
III	Mariani	24k
III	Tuensang	34k
III	Mawlaik	45k
III	Mokokchung	34k
III	Zunheboto	29k
III	Wokha	54k